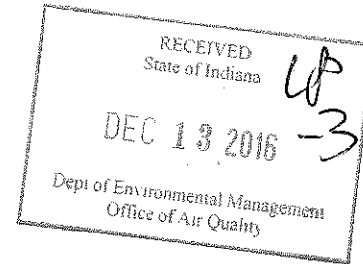




Ingredion Incorporated  
1515 South Drovers Street  
Indianapolis, IN 46221  
United States  
t: +1 317 635 4455  
w: ingredion.com

December 12, 2016

IDEM Air Permits Administration  
Attn: Incoming Application  
100 North Senate Avenue  
MC 61-53 Room 1003  
Indianapolis, IN 46204-2251



RE: Addition of Exempt and Insignificant Activity

To Whom It May Concern:

This letter is to notify you of the installation of an aspiration line on the DSS Bulk Loadout screen to assist equipment integrity and safety. The screen is currently experiencing unbalanced air flow that is causing the equipment to operate under excess vacuum. The new aspiration line will allow proper air flow through the equipment from the screening operation to existing Bin 577-4A. Air flow to the bin will increase slightly from 1,000 scfm to 1,200 scfm. The potential increases in PM, PM10, and PM2.5 emissions from this unit are estimated to be 0.24 lb/hr, 5.77 lb/day, and 1.05 tpy. This new equipment therefore meets the definition of an insignificant activity per IAC 2-7-1 and is exempt from permitting requirements per IAC 2-1.1-3. There is no production increase associated with this project.

The new aspiration line was approved internally as a standalone project, and the financial justification for the capital approval is not dependent on any other past, present, or future capital projects at the Indianapolis Plant.

The equipment will be operational in January 2016. The permit amendment application and emissions calculations are attached. If there are any questions, please call me at (317) 656-2356.

Regards,

A handwritten signature in cursive script, appearing to read "Melissa Putman".

Melissa Putman  
Environmental Manager, Specialty Operations  
Ingredion Incorporated

Ingredion Incorporated Indianapolis Plant  
 577-4A DSS Bulk Loadout Fugitive Dust Collector  
 2016 Modification  
 Add aspiration line from rotex to 577-4A

## Projected Actual Emissions Analysis

Original PTE	Proposed PTE
1000 scfm	1200 scfm
0.03 gr/dscf	0.03 gr/dscf
8760 hrs/yr	8760 hrs/yr
1.13 tpy	1.35 tpy

Year	Throughput (tons)	Hours	PM (tpy)
2015	5045	2321	0.298414

### Project Increase

0.23 tpy based on PTE  
 1.05 tpy actual to potential  
 0.24 lb/hr  
 5.77 lb/day

$$\text{PTE} = (\text{Airflow in scfm}) * (60 \text{ min/hr}) * (8760 \text{ hr/yr}) * (\text{gr/dscf}) / (7000 \text{ gr/lb}) / (2000 \text{ lb/ton})$$

$$\text{Actual Emissions} = (\text{Airflow in scfm}) * (60 \text{ min/hr}) * (2321 \text{ hr/yr}) * (0.03 \text{ gr/dscf}) / (7000 \text{ gr/lb}) / (2000 \text{ lb/ton})$$

$$\text{Project Increase in tpy} = (\text{Proposed PTE in tpy}) - (\text{Actual Emissions in tpy})$$

$$\text{Project Increase in lb/hr} = (\text{Project Increase in tpy}) * (2000 \text{ lb/ton}) / (8760 \text{ hr/yr})$$

$$\text{Project Increase in lb/day} = (\text{Project Increase in lb/hr}) * (24 \text{ hr/day})$$



**AIR PERMIT APPLICATION COVER SHEET**  
State Form 50639 (R4 / 1-10)  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch  
100 N. Senate Avenue, MC 61-53 Room 1003  
Indianapolis, IN 46204-2251  
Telephone: (317) 233-0178 or  
Toll Free: 1-800-451-6027 x30178 (within Indiana)  
Facsimile Number: (317) 232-6749  
[www.IN.gov/idem](http://www.IN.gov/idem)

**NOTES:**

- The purpose of this cover sheet is to obtain the core information needed to process the air permit application. This cover sheet is required for all air permit applications submitted to IDEM, OAQ. Place this cover sheet on top of all subsequent forms and attachments that encompass your air permit application packet.
- Submit the completed air permit application packet, including all forms and attachments, to **IDEM Air Permits Administration** using the address in the upper right hand corner of this page.
- IDEM will send a bill to collect the filing fee and any other applicable fees.
- Detailed instructions for this form are available on the Air Permit Application Forms website.

1. Tax ID Number: **24-1234567**

**FOR OFFICE USE ONLY**

PERMIT NUMBER: \_\_\_\_\_

DATE APPLICATION WAS RECEIVED:

RECEIVED  
State of Indiana  
DEC 13 2016  
Dept of Environmental Management  
Office of Air Quality

**PART A: Purpose of Application**

Part A identifies the purpose of this air permit application. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.

2. Source / Company Name: **Ingredion Incorporated Indianapolis Plant** 3. Plant ID: **097 – 0042**

4. Billing Address: **1515 South Drover Street**  
City: **Indianapolis** State: **IN** ZIP Code: **46221 –**

5. Permit Level: ☐ Exemption ☐ Registration ☐ SSOA ☐ MSOP ☐ FESOP ☒ TVOP ☐ PBR

6. Application Summary: Check all that apply. Multiple permit numbers may be assigned as needed based on the choices selected below.

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Initial Permit   | <input type="checkbox"/> Renewal of Operating Permit        | <input type="checkbox"/> Asphalt General Permit            |
| <input type="checkbox"/> Review Request   | <input type="checkbox"/> Revocation of Operating Permit     | <input type="checkbox"/> Alternate Emission Factor Request |
| <input type="checkbox"/> Interim Approval | <input type="checkbox"/> Relocation of Portable Source      | <input type="checkbox"/> Acid Deposition (Phase II)        |
| <input type="checkbox"/> Site Closure     | <input type="checkbox"/> Emission Reduction Credit Registry |  |

- ☐ Transition (between permit levels) From: \_\_\_\_\_ To: \_\_\_\_\_
- ☒ Administrative Amendment: ☐ Company Name Change ☐ Change of Responsible Official  
☐ Correction to Non-Technical Information ☒ Notice Only Change  
☐ Other (specify): \_\_\_\_\_

- ☒ Modification: ☐ New Emission Unit or Control Device ☒ Modified Emission Unit or Control Device  
☐ New Applicable Permit Requirement ☐ Change to Applicability of a Permit Requirement  
☐ Prevention of Significant Deterioration ☐ Emission Offset ☐ MACT Preconstruction Review  
☐ Minor Source Modification ☐ Significant Source Modification  
☐ Minor Permit Modification ☐ Significant Permit Modification  
☐ Other (specify): \_\_\_\_\_

7. Is this an application for an initial construction and/or operating permit for a "Greenfield" Source? ☐ Yes ☒ No

8. Is this an application for construction of a new emissions unit at an Existing Source? ☐ Yes ☒ No

### PART B: Pre-Application Meeting

Part B specifies whether a meeting was held or is being requested to discuss the permit application.

9. Was a meeting held between the company and IDEM prior to submitting this application to discuss the details of the project?

☒ No ☐ Yes: *Date:*

10. Would you like to schedule a meeting with IDEM management and your permit writer to discuss the details of this project?

☒ No ☐ Yes: *Proposed Date for Meeting:*

### PART C: Confidential Business Information

Part C identifies permit applications that require special care to ensure that confidential business information is kept separate from the public file.

Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in the Indiana Administrative Code (IAC). To ensure that your information remains confidential, refer to the IDEM, OAQ information regarding submittal of confidential business information. For more information on confidentiality for certain types of business information, please review IDEM's Nonrule Policy Document Air-031-NPD regarding Emission Data.

11. Is any of the information contained within this application being claimed as **Confidential Business Information**?

☒ No ☐ Yes

### PART D: Certification Of Truth, Accuracy, and Completeness

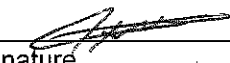
Part D is the official certification that the information contained within the air permit application packet is truthful, accurate, and complete. Any air permit application packet that we receive without a signed certification will be deemed incomplete and may result in denial of the permit.

For a Part 70 Operating Permit (TVOP) or a Source Specific Operating Agreement (SSOA), a "responsible official" as defined in 326 IAC 2-7-1(34) must certify the air permit application. For all other applicants, this person is an "authorized individual" as defined in 326 IAC 2-1.1-1(1).

☒ *I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete.*

Erik Macias  
Name (typed)

Plant Manager  
Title

  
Signature

12/12/2016  
Date



# OAQ GENERAL SOURCE DATA APPLICATION GSD-01: Basic Source Level Information

State Form 50640 (R5 / 1-10)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch  
100 N. Senate Avenue, MC 61-53 Room 1003  
Indianapolis, IN 46204-2251  
Telephone: (317) 233-0178 or  
Toll Free: 1-800-451-6027 x30178 (within Indiana)  
Facsimile Number: (317) 232-6749  
[www.IN.gov/idem](http://www.IN.gov/idem)

## NOTES:

- The purpose of GSD-01 is to provide essential information about the entire source of air pollutant emissions. GSD-01 is a required form.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

## PART A: Source / Company Location Information

1. Source / Company Name: Ingridion Incorporated Indianapolis Plant		2. Plant ID: 097 – 00042	
3. Location Address: 1515 South Drover Street			
City: Indianapolis	State: IN	ZIP Code: 46221 –	
4. County Name: Marion		5. Township Name: Center	
6. Geographic Coordinates:			
Latitude: 39° 49' 47"		Longitude: 86° 10' 31"	
7. Universal Transferal Mercadum Coordinates (if known):			
Zone:	Horizontal:	Vertical:	
8. Adjacent States: Is the source located within 50 miles of an adjacent state?			
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – Indicate Adjacent State(s): <input type="checkbox"/> Illinois (IL) <input type="checkbox"/> Michigan (MI) <input type="checkbox"/> Ohio (OH) <input type="checkbox"/> Kentucky (KY)			
9. Attainment Area Designation: Is the source located within a non-attainment area for any of the criteria air pollutants?			
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – Indicate Nonattainment Pollutant(s): <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> O <sub>3</sub> <input type="checkbox"/> PM <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> PM <sub>2.5</sub> <input type="checkbox"/> SO <sub>2</sub>			
10. Portable / Stationary: Is this a portable or stationary source? <input type="checkbox"/> Portable <input checked="" type="checkbox"/> Stationary			

## PART B: Source Summary

11. Company Internet Address (optional):	
12. Company Name History: Has this source operated under any other name(s)?	
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – Provide information regarding past company names in Part I, Company Name History.	
13. Portable Source Location History: Will the location of the portable source be changing in the near future?	
<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> No <input type="checkbox"/> Yes – Complete Part J, Portable Source Location History, and Part K, Request to Change Location of Portable Source.	
14. Existing Approvals: Have any exemptions, registrations, or permits been issued to this source?	
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – List these permits and their corresponding emissions units in Part M, Existing Approvals.	
15. Unpermitted Emissions Units: Does this source have any unpermitted emissions units?	
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – List all unpermitted emissions units in Part N, Unpermitted Emissions Units.	
16. New Source Review: Is this source proposing to construct or modify any emissions units?	
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – List all proposed new construction in Part O, New or Modified Emissions Units.	
17. Risk Management Plan: Has this source submitted a Risk Management Plan?	
<input type="checkbox"/> Not Required <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes → Date submitted: 12/19/2014 EPA Facility Identifier: 1000 – 0002 – 4957	

**PART C: Source Contact Information**

**IDEM will send the original, signed permit decision to the person identified in this section.**  
This person **MUST** be an employee of the permitted source.

**18. Name of Source Contact Person:** Melissa Putman

**19. Title (optional):** Environmental Engineer

**20. Mailing Address:** 1515 South Drover Street

**City:** Indianapolis

**State:** IN

**ZIP Code:** 46221 -

**21. Electronic Mail Address (optional):** melissa.putman@ingredion.com

**22. Telephone Number:** ( 317 ) 635 - 4455

**23. Facsimile Number (optional):** ( ) -

**PART D: Authorized Individual/Responsible Official Information**

IDEM will send a copy of the permit decision to the person indicated in this section, if the Authorized Individual or Responsible Official is different from the Source Contact specified in Part C.

**24. Name of Authorized Individual or Responsible Official:** Erik Macias

**25. Title:** Plant Manager

**26. Mailing Address:** 1515 South Drover Street

**City:** Indianapolis

**State:** IN

**ZIP Code:** 46221 -

**27. Telephone Number:** ( 317 ) 635 - 4455

**28. Facsimile Number (optional):** ( ) -

**29. Request to Change the Authorized Individual or Responsible Official:** Is the source officially requesting to change the person designated as the Authorized Individual or Responsible Official in the official documents issued by IDEM, OAQ? *The permit may list the title of the Authorized Individual or Responsible Official in lieu of a specific name.*

☒ No ☐ Yes - **Change Responsible Official to:**

**PART E: Owner Information**

**30. Company Name of Owner:** Ingredion Incorporated

**31. Name of Owner Contact Person:** Elaine Harmon

**32. Mailing Address:** 5 Westbrook Corporate Center

**City:** Westchester

**State:** IL

**ZIP Code:** 60154 -

**33. Telephone Number:** ( 708 ) 551 - 2600

**34. Facsimile Number (optional):** ( ) -

**34. Operator:** Does the "Owner" company also operate the source to which this application applies?

☐ No - Proceed to Part F below. ☒ Yes - Enter "SAME AS OWNER" on line 35 and proceed to Part G below.

**PART F: Operator Information**

**35. Company Name of Operator:** SAME AS OWNER

**36. Name of Operator Contact Person:**

**37. Mailing Address:**

**City:**

**State:**

**ZIP Code:** -

**38. Telephone Number:** ( ) -

**39. Facsimile Number (optional):** ( ) -

### PART G: Agent Information

<b>40. Company Name of Agent:</b> Trinity Consultants		
<b>41. Type of Agent:</b> <input checked="" type="checkbox"/> Environmental Consultant <input type="checkbox"/> Attorney <input type="checkbox"/> Other (specify):		
<b>42. Name of Agent Contact Person:</b> Kim Cottrell		
<b>43. Mailing Address:</b> 7330 Woodland Drive, Suite 225		
<b>City:</b> Indianapolis	<b>State:</b> IN	<b>ZIP Code:</b> 46278 -
<b>44. Electronic Mail Address (optional):</b> kcottrell@trinityconsultants.com		
<b>45. Telephone Number:</b> ( 317 ) 451 - 8100	<b>46. Facsimile Number (optional):</b> ( 877 ) 309 - 6177	
<b>47. Request for Follow-up:</b> Does the "Agent" wish to receive a copy of the preliminary findings during the public notice period (if applicable) and a copy of the final determination? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes		

### PART H: Local Library Information

<b>48. Date application packet was filed with the local library:</b> N/A		
<b>49. Name of Library:</b> Indianapolis Public Library - West Indianapolis Branch		
<b>50. Name of Librarian (optional):</b> Kimberly Andersen		
<b>51. Mailing Address:</b> 1216 S. Kappes Street		
<b>City:</b> Indianapolis	<b>State:</b> IN	<b>ZIP Code:</b> 46221 -
<b>52. Internet Address (optional):</b> <a href="http://www.imcpl.org/">http://www.imcpl.org/</a>		
<b>53. Electronic Mail Address (optional):</b>		
<b>54. Telephone Number:</b> ( 317 ) 275 - 4540	<b>55. Facsimile Number (optional):</b> ( ) -	

### PART I: Company Name History (if applicable)

Complete this section only if the source has previously operated under a legal name that is different from the name listed above in Section A.

56. Legal Name of Company	57. Dates of Use
National Starch and Chemical Company	1/1/1980 to 1/1/1995
INDOPCO d.b.a. National Starch and Chemical Company	1/2/1980 to 4/1/2008
National Starch LLC	4/2/2008 to 6/4/2012
Ingredion Incorporated Indianapolis Plant	6/4/2012 to Present
	to
	to
	to
	to
	to
	to

**58. Company Name Change Request:** Is the source officially requesting to change the legal name that will be printed on all official documents issued by IDEM, OAQ?

☒ No ☐ Yes - **Change Company Name to:**

Complete this section only if the source is portable and the location has changed since the previous permit was issued. The current location of the source should be listed in Section A.

[illegible]

Complete this section to request a change of location for a portable source.

<b>62. Current Location:</b>		
Address: N/A		
City:	State:	ZIP Code: -
County Name:		
<b>63. New Location:</b>		
Address: N/A		
City:	State:	ZIP Code: -
County Name:		



### PART L: Source Process Description

Complete this section to summarize the main processes at the source.

64. Process Description	65. Products	66. SIC Code	67. NAICS Code
Corn Wet Milling	Feed, Germ, Heavy Steep Water, Corn Starch	2046	3112211

### PART M: Existing Approvals (if applicable)

Complete this section to summarize the approvals issued to the source since issuance of the main operating permit.

68. Permit ID	69. Emissions Unit IDs	70. Expiration Date
097-37105- 00042	DC700, DC701	9/22/2020

### PART N: Unpermitted Emissions Units (if applicable)

Complete this section only if the source has emission units that are not listed in any permit issued by IDEM, OAQ.

71. Emissions Unit ID	72. Type of Emissions Unit	73. Actual Dates		
		Began Construction	Completed Construction	Began Operation
	N/A			

### PART O: New or Modified Emissions Units (if applicable)

Complete this section only if the source is proposing to add new emission units or modify existing emission units.

74. Emissions Unit ID	75. NEW	76. MOD	77. Type of Emissions Unit	78. Estimated Dates		
				Begin Construction	Complete Construction	Begin Operation
DC41822			Baghouse	9/19/2016	10/31/2016	11/1/2016



O A R



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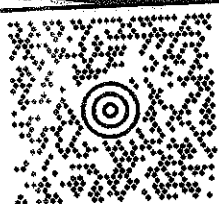
010195103 4/14 PAC United Parcel Service

MELISSA PUTNAM  
317656-2356  
INGREDION INDIANAPOLIS  
1515 DR  
INDIANAPOLIS IN 46221

0.0 LBS LTR 1 OF 1

**SHIP TO:**

INCOMING APPLICATION  
317-635-4455  
IDEM AIR PERMITS ADMINISTRATION  
MC 61-53 ROOM 1003  
100 NORTH SENATE AVENUE  
INDIANAPOLIS IN 46204-2273



IN 461 9-01



**UPS NEXT DAY AIR SAVER 1P**

TRACKING #: 1Z 9R9 E42 13 9366 6213



BILLING: P/P

Cost Center: 1256220

CS 18.5.48. WININV50 8

1256220



CARR: UPS 1 DAY AIR  
TRK#: 1Z9R9E421393666213  
RCVD: 12/13/2016 9:25:40 AM

TO: Air Quality  
ROUTE: IDEM  
MSC:



1Z9R9E421393666213

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Environ Mgmt

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